

**Enforcement Division**

*Presents Course # 273*

# **Industrial Boilers**

Boilers are one of the most common emission sources and range in use from small fire tube Boilers to large utility boilers associated with power plant facilities. The course discusses uses of boilers, heat transfer methods and fundamentals of operation of modern industrial & utility boilers including those fired by natural gas, biomass, municipal waste and coal (circulating fluidized bed units). The course also discusses steam turbines & power generation. This is followed by a detailed discussion on emissions and control techniques such as Low-NOx burners, FGR, staged combustion, SCR & SNCR. New technologies such as Ultra Low-NOx 9 ppm burners, applicable federal & local BACT regulations, permitting requirements, and agency inspection procedures and safety concerns are thoroughly discussed. **Hard Hat, Safety Shoes & Glasses required.**

***June 21, 2005***

**8:00 AM - 5:30 PM**  
**San Joaquin Valley APCD**  
**1990 E Gettysburg**  
**Fresno, CA 93726**  
**(559) 230-6000**



**TO REGISTER CONTACT:** Nancy Thompson (916) 322-2227    [arbtrain@arb.ca.gov](mailto:arbtrain@arb.ca.gov)  
**Registration Information:** <http://www.arb.ca.gov/training/registra.htm>